

Product datasheet

Recombinant Human ALS2CR8 protein ab164116

1 Image

Overview

<b>Product name</b>	Recombinant Human ALS2CR8 protein
<b>Protein length</b>	Full length protein

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human

<b>Sequence</b>	<p>MEQSNDSLVRVNHNDGEESKTSAQVFEHLICMDSRDS  SFGQNDSPVLPIT  TREANNSLISQNIPLTQTQTLSAEQFHLVDQNGQAIQ  YELQSLGESNA  QMMIVASPTENGQVLRVIPPTQTGMAQVIIPQGQLVDV  NSPRDVPPEEKPS  NRNLPTVRVDTLADNTSNYLHPQTSFPLPKKSVTGML  EPELLGPLQPLS  SNTPIWACRLRSCEKIGDSYRGYCVSETELESVLTfHK  QQTQSVWGTRQS  PSPAKPATRLMWKSQYVPYDGIPFVNAGSRAVVMEC  QYGPRRKGFLKKV  SEQESRSCQLYKATCPARMKKVQKFPEYRVPTDPKID  KKIIRMEQEKA  FNMLKKNLVDAGGVLRWYVQLPTQQAHQYHELETpCL  TLSPSPFPVSSLE  EEETAVRDENCALPSRLHPQVAHKIQELVSQGIEQVYA  VRKQLRKfVERE  LFKPDEVPERHNLSFFPTVNDIKNHIHEVQKSLRNGDT  VYNSEIIPATLQ  WTTDSGNILKETMTVTFaEGNSPGESITTKVETNQTRG  SLSPEPTHLLSS  LSSFQPKIFTQLQGLQLQPRYTSPDESPAVVSVNNQP  SSSPSGLLDTIGS  AVMNNNSLLLQSHSLQRDTCLTQNNSTASTMGNLPE  PDQNLVAMDELVE</p>
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VGDVEDTGNLEGTVHRILLGDVQTIPIQIIDNHSALIEENP  
ESTISVSQV KQEPKEPALSMEAKNCGL

**Amino acids** 1 to 718  
**Tags** proprietary tag N-Terminus

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab164116** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** ELISA  
Western blot

**Form** Liquid

**Additional notes** Protein concentration is above or equal to 0.05 mg/ml.

### Preparation and Storage

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**Stability and Storage** Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.  
pH: 8.00  
Constituents: 0.31% Glutathione, 0.79% Tris HCl

### General Info

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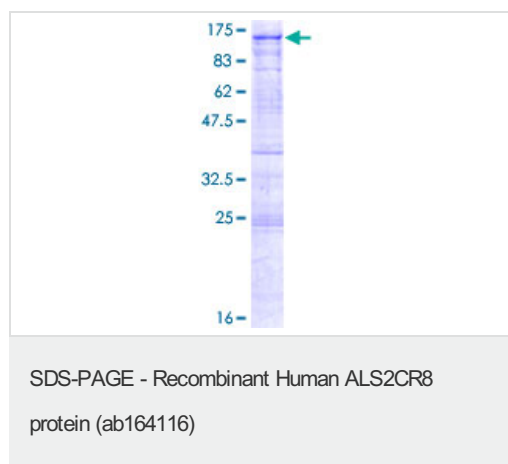
**Function** Acts as a transcriptional activator that mediates the calcium- and neuron-selective induction of BDNF exon III transcription. Binds to the consensus calcium-response element CaRE1 5'-CTATTTTCGAG-3' sequence.

**Domain** The N-terminus is necessary for DNA-binding. The C-terminus is necessary for transcriptional activation (PubMed:11832226).

**Cellular localization** Nucleus.

### Images

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ab164116 on a 12.5% SDS-PAGE stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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